California Weather-Hydro Conditions during June 2008

As of July 1, Water Year 2008 statewide hydrologic conditions were as follows: precipitation, 85 percent of average to date; runoff, 60 percent of average to date; and reservoir storage, 75 percent of average for the date. As of June 10, the date of the last forecast this water year, the projected median April-July runoff for the water supply basins ranged from 78% (Kings River) to 47% (Tule River). Sacramento River unimpaired runoff observed through June 30, 2008 was about 9.3 million acre-feet (MAF), which is about 54% of average. (On June 30, 2007, the observed Sacramento River unimpaired runoff through that date was about 9.2 MAF or about 54% of average.)

Spring of 2008 has turned out to be extremely dry. The Water Year 2008, Northern Sierra 8-Station Precipitation Index seasonal total of 34.8 inches is now less than last year's seasonal total of 36.0 inches at this time. March and April 2008 were each the sixth driest of those months on record. For the 8-Stations, the Water Year 2008 combined March through June total precipitation is only 3.4 inches, the driest on record (since 1921). The Water Year 2008, 8-Station Index, October through June total of 34.8 inches is the 18th driest year out of 88 years of record. The 2-year combined total precipitation for Water Years 2007 (37.2 inches) and 2008 is 72.0 inches, the 9th driest 2-year period on record.

January and early February brought significant amounts of precipitation to California, including heavy snowfall in the mountains. California's large water supply reservoirs received some inflow from these storms; however, the amounts were muted because much of the precipitation fell as snow. Because precipitation was significantly below average last year, dry hydrologic conditions still prevail. Storage in most of the major water supply reservoirs is still well below average. The Sacramento and San Joaquin Valley Water Year Type indexes are both forecasted to be "Critical."

Selected Cities Precipitation Accumulation as of 07/01/2008 (National Weather Service Water Year: July through June)					
City	Jul 1 to Date 2007 - 2008 (in inches)	% Avg	Jul 1 to Date 2006 - 2007 (in inches)	% Avg	% Avg Jul 1 to Jun 30 2007 - 2008
Eureka	34.19	90	35.48	93	89
Redding	24.02	72	22.73	68	71
Sacramento	13.71	76	10.88	61	76
San Francisco	15.55	77	11.63	58	77
Fresno	8.40	75	6.03	54	74
Bakersfield	2.38	37	3.06	47	36
Los Angeles	13.53	89	3.21	21	89
San Diego	7.25	67	3.85	36	67

Key Reservoir Storage (1,000 AF) as of 07/01/2008

Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	1,563	2,129	73	2,448	64	---	885
Shasta Lake	Sacramento	2,418	3,735	65	4,552	53	-2,134	2,134
Lake Oroville	Feather	1,530	2,948	52	3,538	43	-2,008	2,008
New Bullards Bar Res	Yuba	721	829	87	966	75	-245	245
Folsom Lake	American	478	831	58	977	49	-499	499
New Melones Res	Stanislaus	1,288	1,517	85	2,420	53	-1,132	1,132
Don Pedro Res	Tuolumne	1,351	1,599	84	2,030	67	-679	679
Lake McClure	Merced	459	732	63	1,025	45	-566	566
Millerton Lake	San Joaquin	337	416	81	520	65	-183	183
Pine Flat Res	Kings	421	698	60	1,000	42	-525	579
Isabella	Kern	253	308	82	568	45	-250	315
San Luis Res	(Offstream)	680	1,362	50	2,039	33	---	1,359

The latest National Weather Service Climate Prediction Center (CPC) long-range weather outlook for July 2008, issued June 30, 2008, is forecasting average precipitation for all of California.